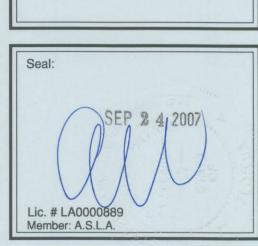
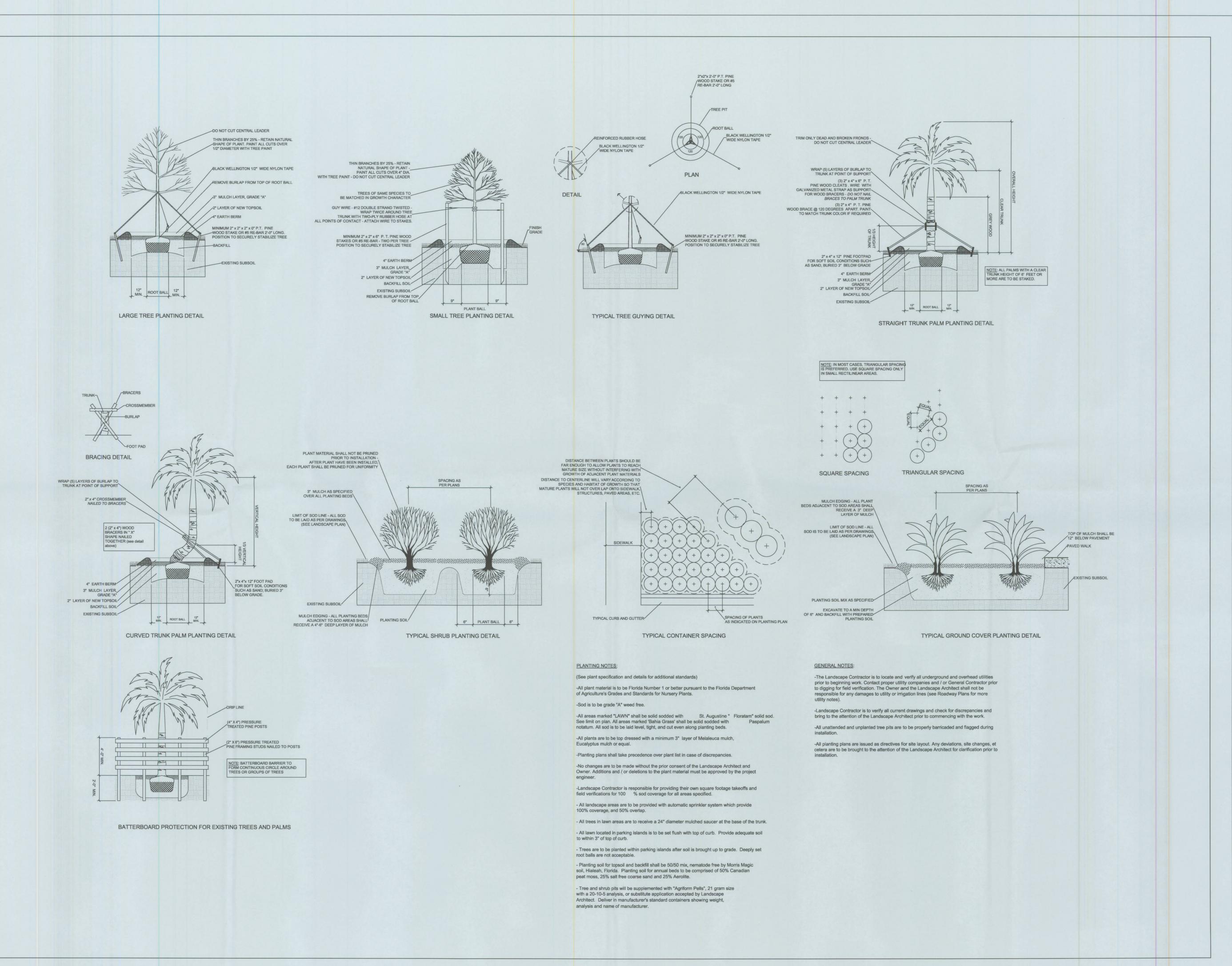


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Moreno Farms
Miami-Dade County, Florida



Project Name: ENTRY FEATURE LANDSCAPE PLAN Date: 09/04/2007 Scale: 1/16" = 1' - 0" Drawn by: KH Sheet No.: L-



WITKIN HULTS
DESIGN GROUP
307 south 21st avenue hollywood, florida
phone: 954.923.9681 facsimile: 954.923.9689
www.witkindesign.com

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Moreno Farms
Miami-Dade County, Florida

<u>a</u>

Seal: SEP 2 4 2007

Project Name: LANDSCAPE DETAILS

Date: 07/05/2007

Scale: N.T.S.

Member: A.S.L.A.

Drawn by: HAS

Sheet No.:

L-2

MORENO FARMS ENTRY FEATURE

FOR LENNAR HOMES MIAMI DADE, FLORIDA



LENNAR

OWNER

T30 NW 107TH AVENUE, 4TH FLOOR MIAMI, FL. 33172

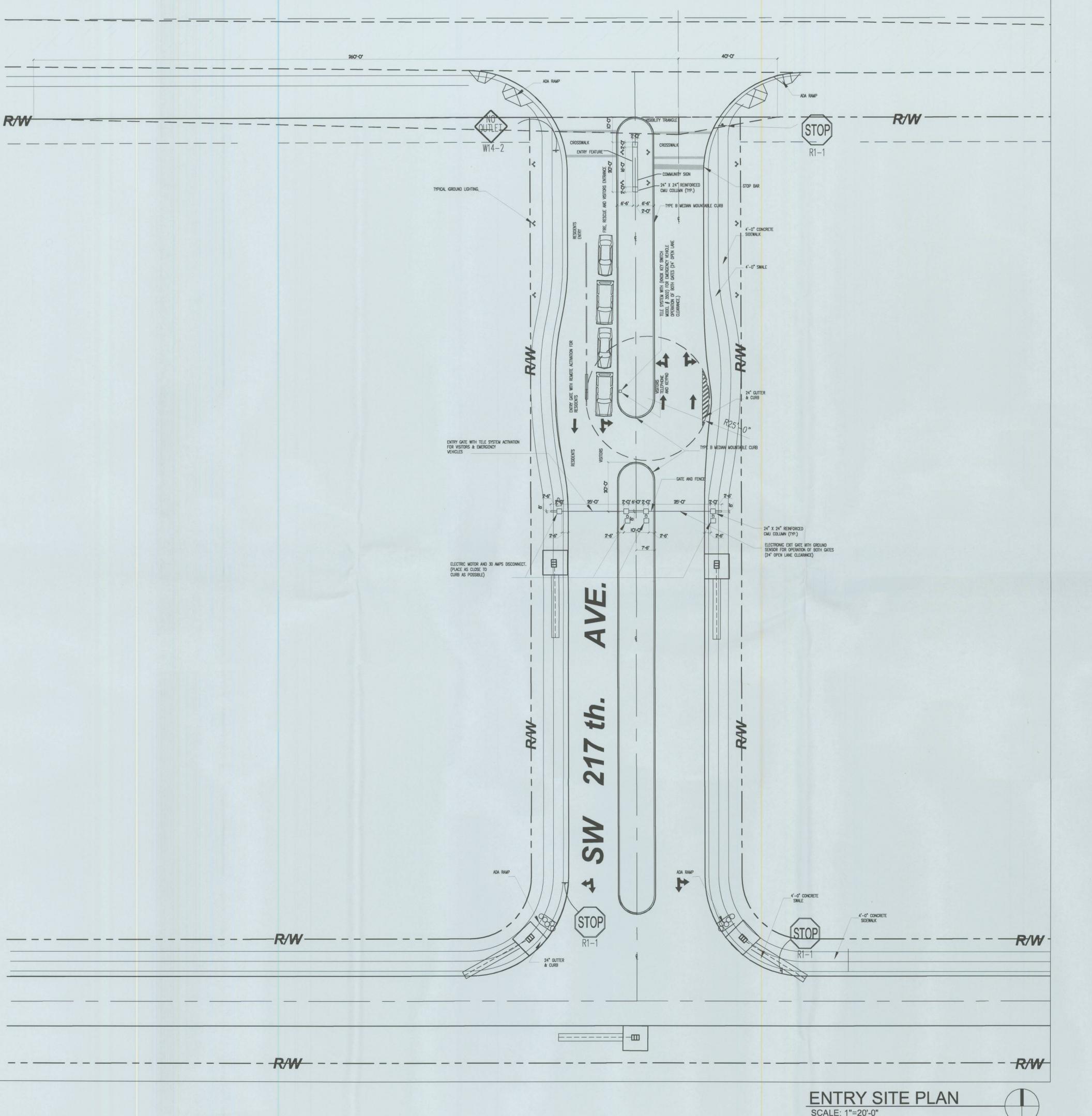
PH (305) 559-1951 FAX (305) 228-7295

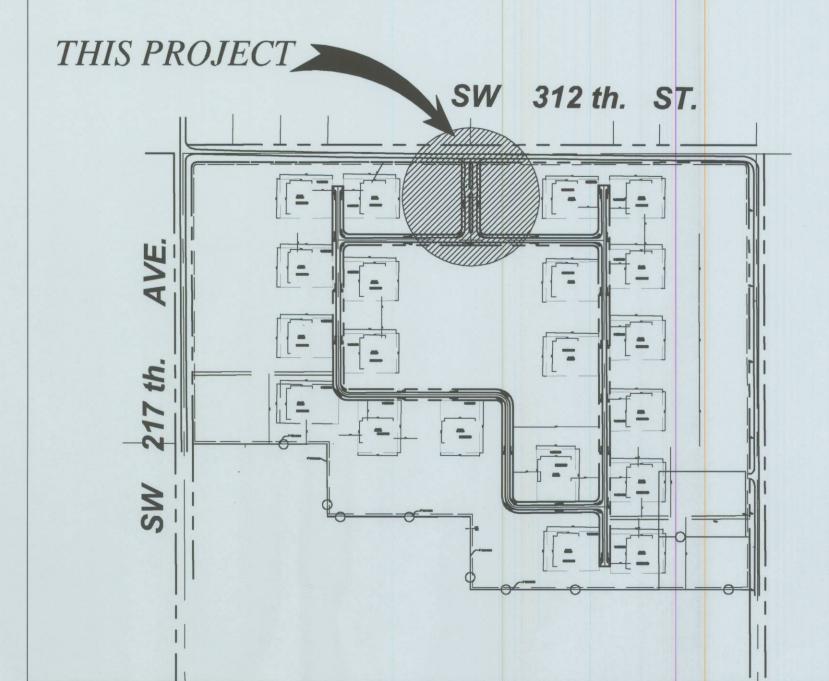


ARCHITECT

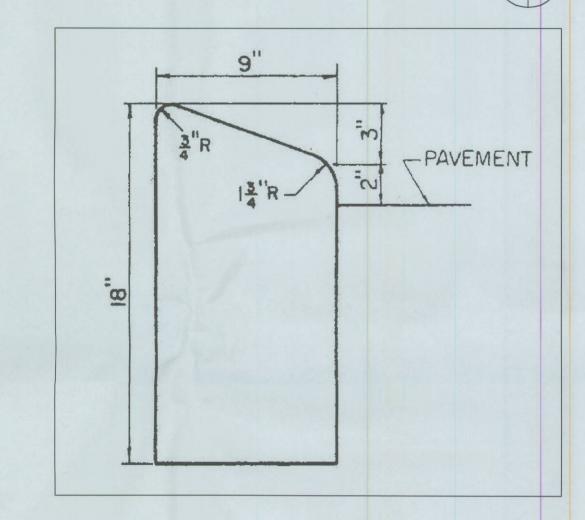
CORWIL ARCHITECTS, INC.
4102 LAGUNA STREET
CORAL GABLES, FL. 33146

PH (305) 448-7383 FAX (305) 448-8853

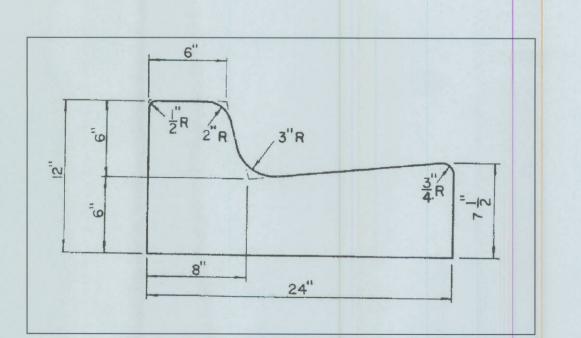




LOCATION MAP SCALE: N.T.S.



TYPE "B" MEDIAN CURB DETAIL SCALE: N.T.S.



6" CURB AND GUTTER DETAIL SCALE: N.T.S.

NOTE: ADA STANDARDS WILL BE MAINTAIN FOR HANDICAPPED ACCESSIBILITY CIRCULATION THROUGHOUT THE MORENO FARMS COMMUNITY.



1320 S. DIXIE HWY, No 1070 CORAL GABLES, FL 33146 LIC. No. AA-C002151 TEL: (305)-448-7383

PROJECT NAME:

MORENO FARMS

MIAMI-DADE COUNTY, FLORIDA

OWNER:

LENNAR HOMES

CONSULTANTS:

PHASE

DESIGN DEVELOPMENT

REVISIONS

SEAL

ANGEL PUENTES
ARCHITECT NO. 0009348
4102 LAGUNA STREET
CORAL GABLES, FL 33146

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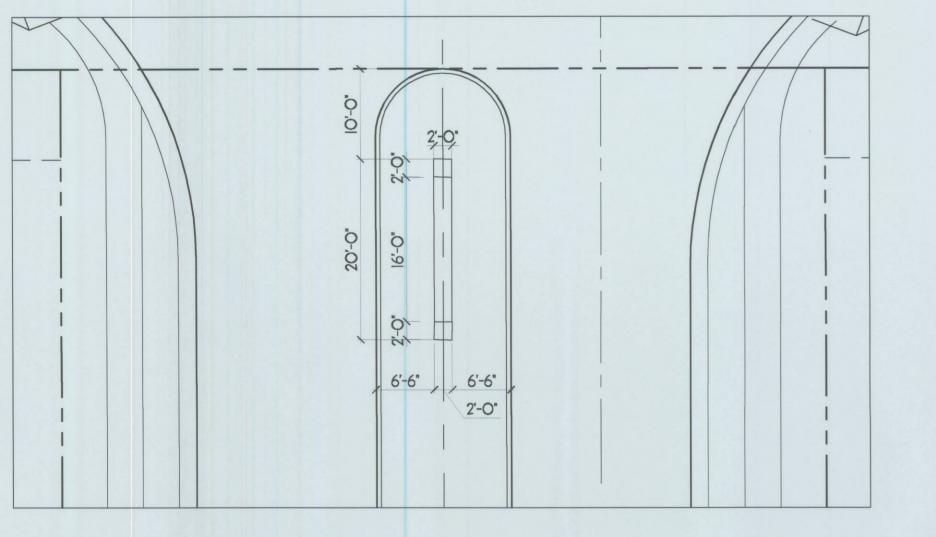
SHEET TITLE SITE & LOCATION PLAN

DATE: 11-21-2006 2006-31 JOB NO. DRAWN BY

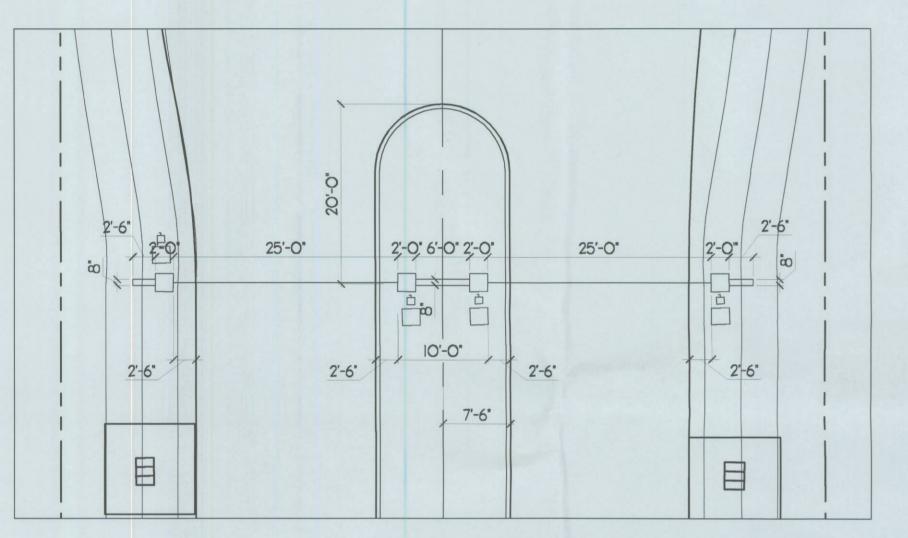
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SHEET NO.

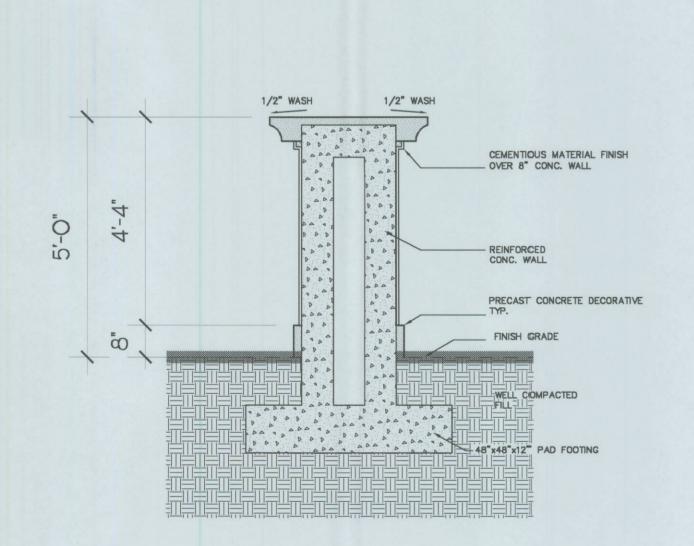
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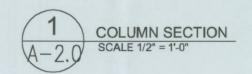


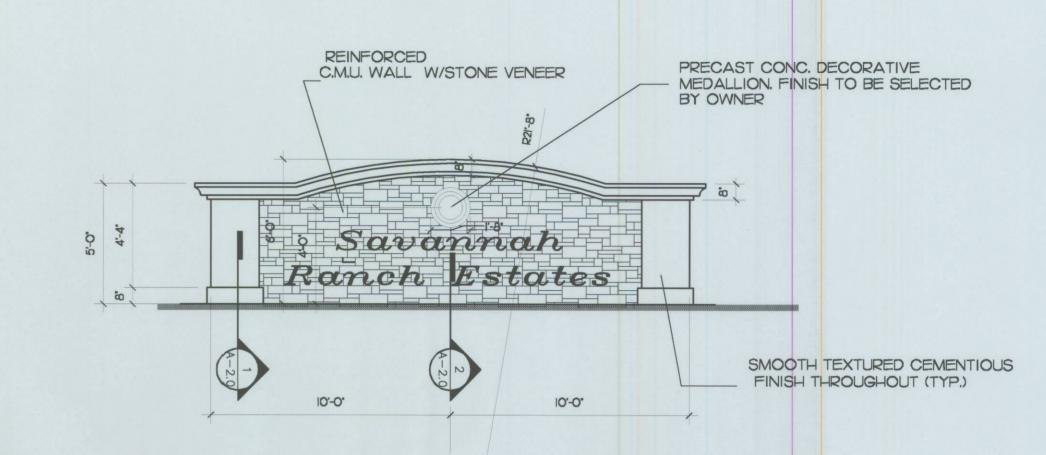
ENTRY MONUMENT PARTIAL SITE PLAN SCALE: 3/32"=1'-0"



ENTRY GATE PARTIAL SITE PLAN SCALE: 3/32"=1'-0"







ENTRY MONUMENT ELEVATION

SCALE: 1/4"=1'-0"

CONSULTANTS:

1320 S. DIXIE HWY, No 1070 CORAL GABLES, FL 33146 LIC. No. AA-C002151 TEL: (305)-448-7383

> MORENO **FARMS**

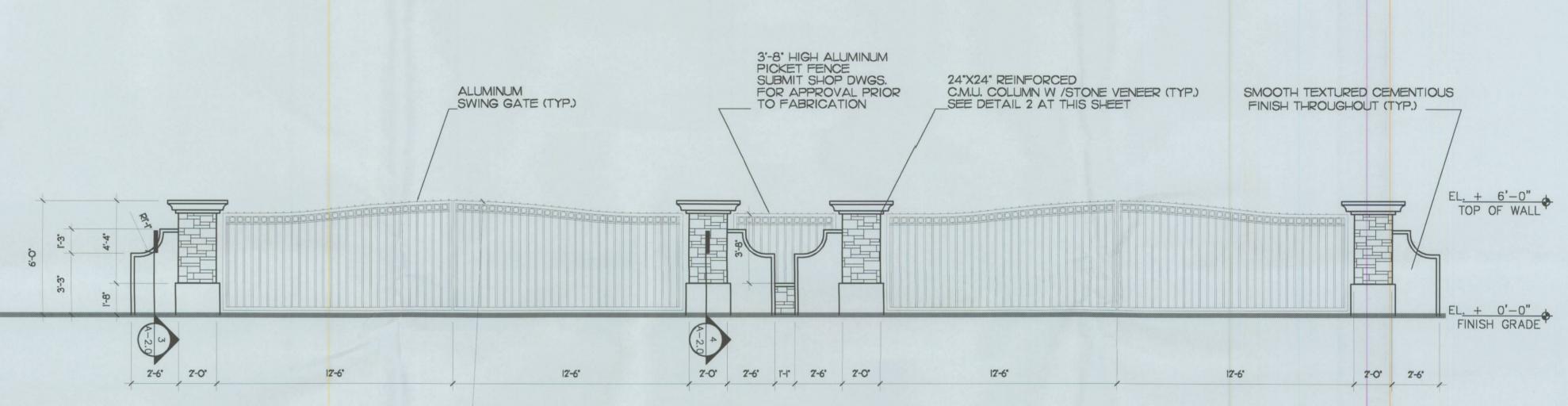
MIAMI-DADE COUNTY, FLORIDA

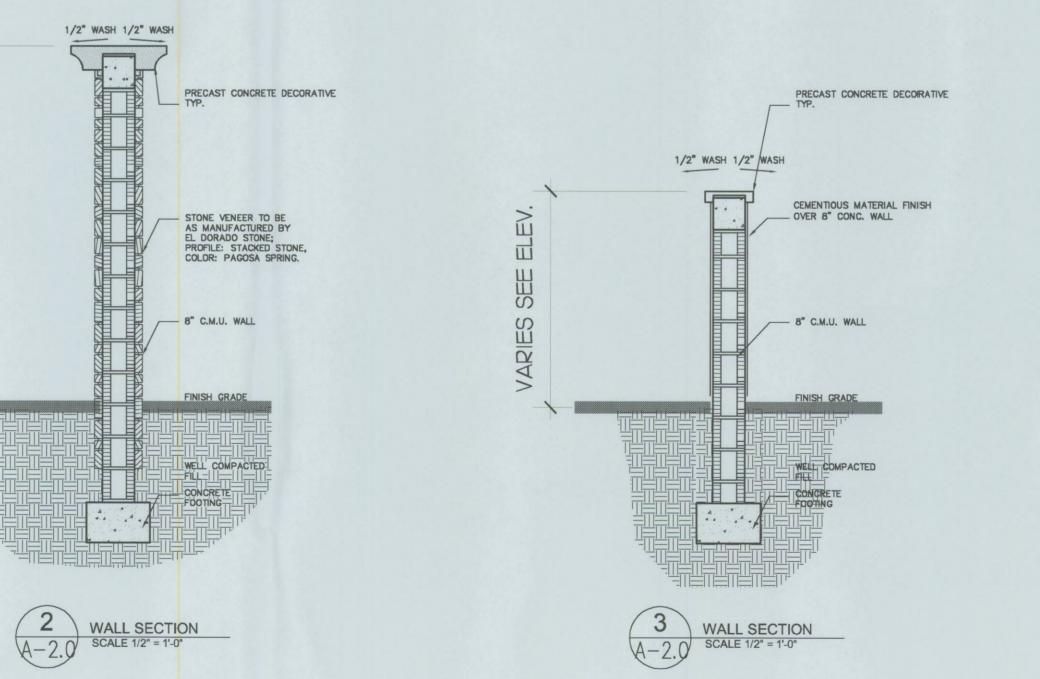
LENNAR

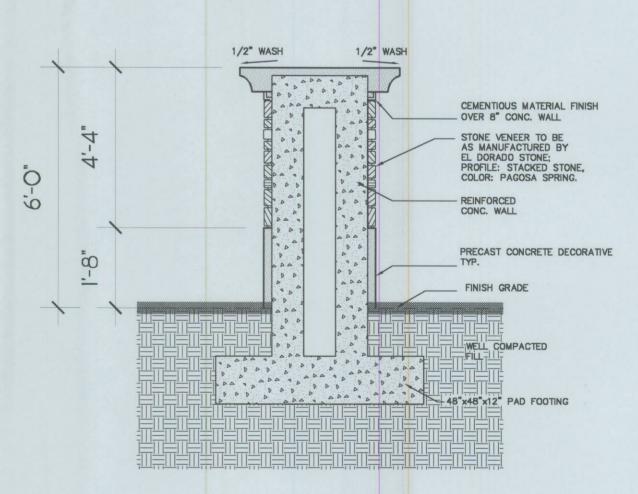
HOMES

PROJECT NAME:

OWNER:







APPR BY 4 COLUMN SECTION
A-2.0 SCALE 1/2" = 1'-0"

A-2.0

ENTRY GATE ELEVATION SCALE: 1/4"=1'-0"

SEAL

REVISIONS

ANGEL PUENTES ARCHITECT NO. 0009348 4102 LAGUNA STREET CORAL GABLES, FL 33146

DESIGN DEVELOPMENT

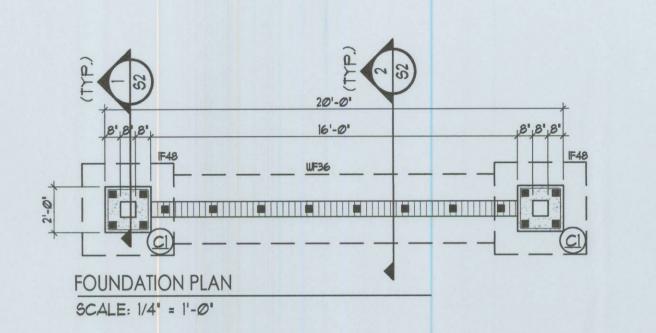
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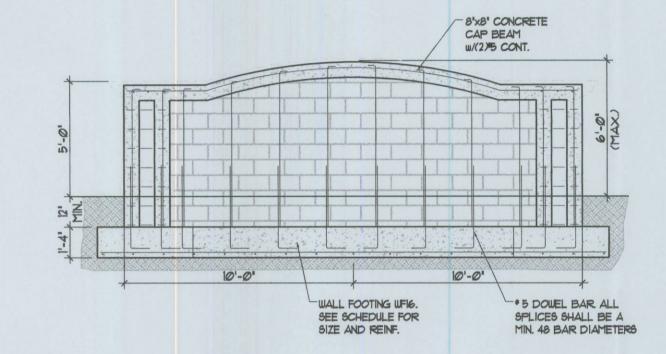
ENTRY MONUMENT & GATE PLAN

DATE: 11-21-2006 JOB NO. 2006-31 DRAWN BY

AMC 2006-31 FILE

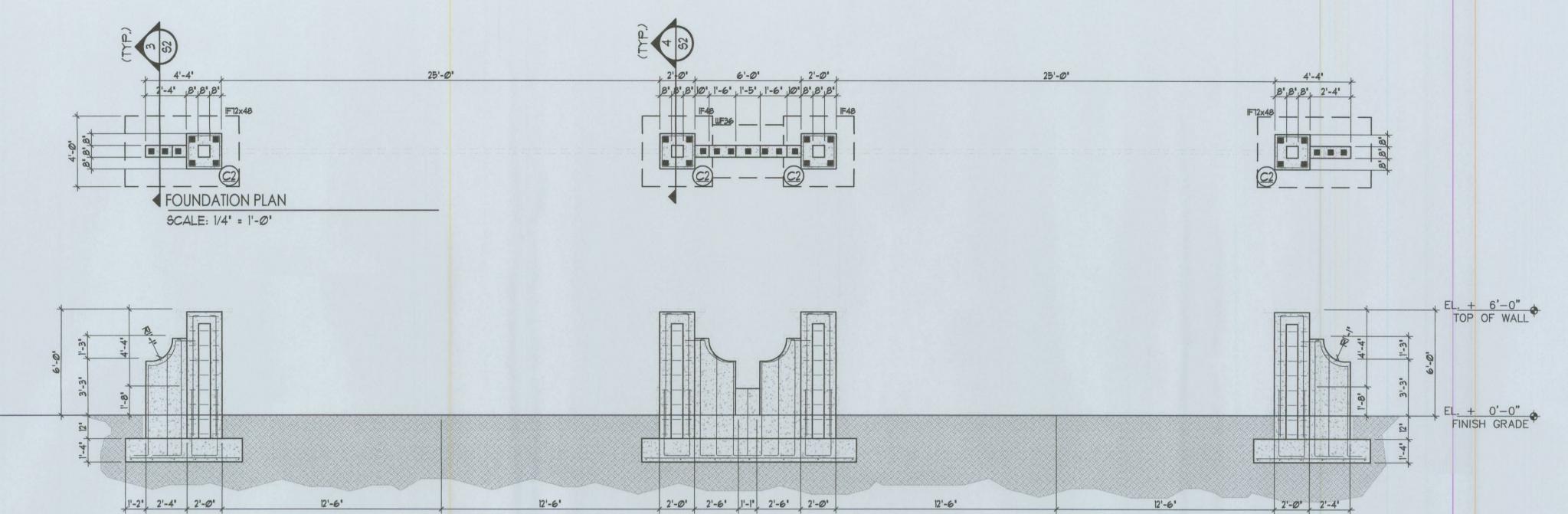
SHEET NO.



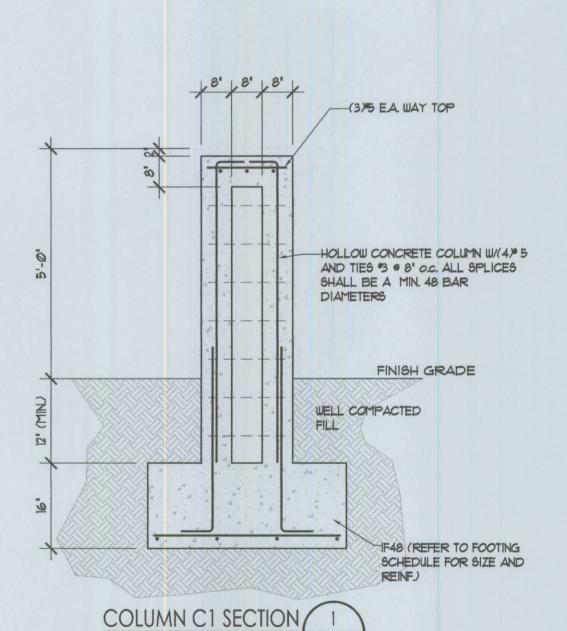




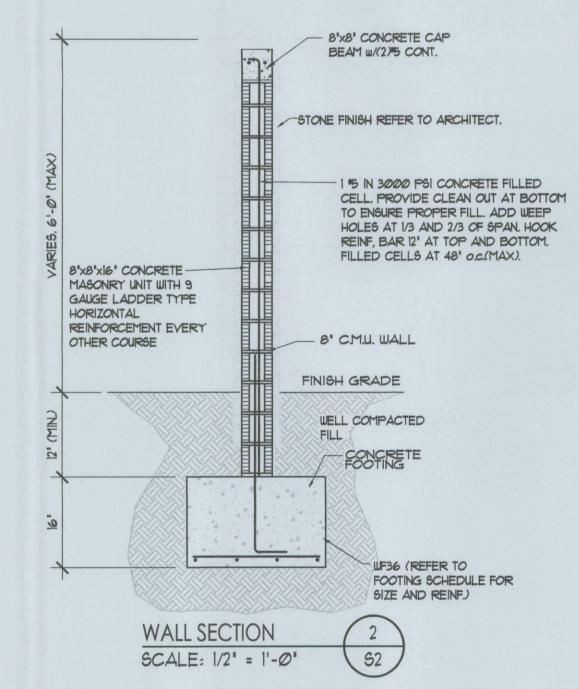
SCALE: 1/4" = 1'-0"

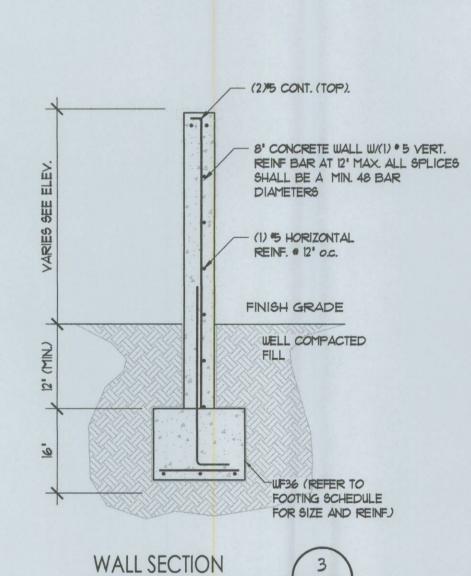


ENTRY GATE ELEVATION SCALE: 1/4" = 1'-0"

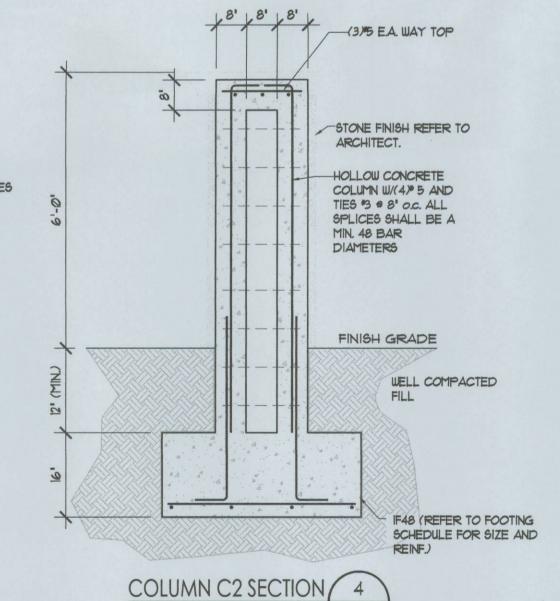


SCALE: 1/2" = 1'-0"





SCALE: 1/2" = 1'-0"



SCALE: 1/2" = 1'-0"

IF48x72	A	48"	72"	16'	5 5	15	ISOLATED FOOTING
WF36	A	36'	CONT.	16"	4 %	*4*24" o.c.	WALL FOOTING
			7				
-	_		-				
	I	PE-A	-B				
	_						
NOT	<u>E:</u>						
AND U	IALLS	WITH	ARCH!	TECTUF	RAL DWGS.	ERIFY ALL DIMENSION, SIZE AND	LOCATIONS OF COLUMNS
						L COLUMN DIMENSIONS. DIAMETERS.	

FOOTING SCHEDULE

55

REINFORCEMENT

- COMPRESSIVE STRENGTH OF CONCRETE FOR COLUMNS AND WALLS SHALL BE 3,000 PSI. UNO. - EXTEND DUR-O-WALL REINFORCEMENT 6' INTO POURED COLUMN . 16'

1320 S. DIXIE HWY, No 1070 CORAL GABLES, FL 33146 LIC. No. AA-C002151 TEL: (305)-448-7383

PROJECT NAME:

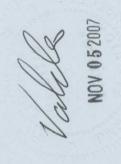
MORENO FARMS

MIAMI-DADE COUNTY FLORIDA

OWNER: LENNAR HOMES

CONSULTANTS:





REVISIONS

REMARKS

ISOLATED FOOTING

SEAL

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MONUMENT& GATE PLAN

7-13-2007 DATE: 2006-31 JOB NO. C.B. DRAWN BY AMC APPR BY 2006-31 FILE

SHEET NO.

APPLICABLE CODES

- 1. FLORIDA BUILDING CODE 2006 EDITION.
- 2. A.C.I. 318-02 FOR REINFORCED CONCRETE.
 3. A.C.I. 315-92 DETAILS AND DETAILING OF CONCRETE REINFORCEMENT OR MANUAL OF STANDARD.
- PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES.
- 4. A.C.I. 530-02 AND A.C.I. 530-1-02 FOR REINFORCED MASONRY.
 5. A.I.S.C. STEEL CONSTRUCTION A.S.D. FOR STRUCTURAL STEEL, NINTH EDITION.
- 6. ANSI/AWS DI.4.
- 7. A.S.CE. 7-02 FOR WIND ANALYSIS AND DESIGN.

ASTM C 90 AND ASTM C 744.

8. A.S.TM. STANDARDS AND SPECIFICATIONS. AMERICAN SOCIETY FOR TESTING AND MATERIALS.

MATERIALS (U. O. N. ON PLANS)

1. CONCRETE:

- ALL STRUCTURAL CONCRETE SHALL CONFORM TO ACI-301, COMPRESSIVE STRENGTH:
- -TIEBEAMS, COLUMNS, WALLS AND ELEVATED SLABS = 3,000 PSI -SLAB ON GRADE, MONOLITHIC FOOTINGS AND FOOTING PADS = 3,000 PSI
- 2. STEEL REINFORCEMENT: SHALL CONFORM TO ASTM A615, GRADE 60, Fy = 60,000 PSI.
- ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM A 185.
- 3. MASONRY: HOLLOW MASONRY UNITS OF CONCRETE, f'm = 1,500 PSI, SHALL COMPLY ASTM C 55, ASTM C 73,
- GROUT SHALL REACH A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI IN 28 DAYS. ASTM C 476.

 MORTAR TYPE M: SHALL COMPLY WITH ASTM C 270.

DESIGN CRITERIA AND LOADS

I. WIND: WIND NE

WIND NET UPLIFT, AS INDICATED HEREIN ON PLANS, ARE BASED ON GROSS UPLIFT LESS 10 PSF (DEAD LOAD) PER COMPONENTS AND CLADDING ON ZONES 1 AND 2.

BASIC WIND VELOCITY: 90 MPH
OCCUPANCY CATEGORY: 1
EXPOSURE C
IMPORTANCE FACTOR: 10

FOUNDATIONS

- 1. AS PER SOIL REPORT SOIL CONDITIONS AT THIS SITE ARE SAND AND ROCK WITH A MINIMUM BEARING CAPACITY OF 3000 PSF SHOULD OTHER CONDITIONS OR MATERIALS BE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED PRIOR PROCEEDING WITH THE WORK. THE ARCHITECT OR ENGINEER SHALL SUPPLY A LETTER ATTESTING THAT THE SITE HAS BEEN OBSERVED AND THE FOUNDATION CONDITIONS ARE SIMILAR TO THOSE UPON WHICH THE DESIGN IS BASED ON SEE F.B.C.
- 2. THE SUBSURFACE SOIL PROFILES AT THIS PROJECT SITE SHALL BE IMPROVED BY PROPERLY PROGRAMMED APPLICATIONS OF DYNAMIC PRECOMPRESSION TREATMENT OR A SIMILAR ACCEPTABLE TECHNIQUE. TO BE IMPLEMENTED UNDER THE DIRECTION OF A QUALIFIED GEOTECHNICAL ENGINEER, AS TO ACHIEVE THE REQUIRED DEGREE OF IMPROVEMENT AND DESIGN SOIL BEARING CAPACITY.
- 3. THE GEOTECHNICAL ENGINEER RESPONSIBLE FOR THE GROUND APPLICATIONS SHALL ISSUE A PROFESSIONAL CERTIFICATION FOR EACH INDIVIDUAL BUILDING OF THIS PROJECT, ATTESTING TO THE SATISFACTORY FOUNDATION SOIL CONDITIONS AND THE ACHIEVEMENT OF THE DESIGN BEARING VALUE BEFORE ANY CONSTRUCTION OPERATION IS ALLOWED TO START FOR ANY SUCH BUILDING.
- 4. THE AREA UNDER FOUNDATIONS AND SLAB ON GROUND SHALL HAVE ALL VEGETATION, STUMPS, ROOTS, AND FOREIGN MATERIALS REMOVED PRIOR TO THEIR CONSTRUCTION.
- 5. COMPACT INTERIOR FILL TO 95% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY AS PER ASTM D-1981 AT OPTIMUM MOISTURE CONTENT AND COMPACTED AND TESTED IN LIFTS NOT TO EXCEED 12 IN.
- 6. EXCAVATIONS FOR FOUNDATIONS SHALL BE BACKFILLED WITH SOIL, WHICH IS FREE OF ORGANIC MATERIAL, CONSTRUCTION DEBRIS, AND LARGE ROCKS.
- 7. FILL SUPPORTING SUCH SLABS SHALL BE COMPACTED UNDER THE SUPERVISION OF A SPECIAL INSPECTOR TO A MINIMUM OF 95% OF MAXIMUM DRY DENSITY FOR ALL LAYERS, AS VERIFIED BY FIELD DENSITY TESTS.

REINFORCED CONCRETE

1. CLEAR COVER FOR REINFORCEMENT SHALL BE:

FOOTINGS: CONCRETE CAST AGAINST AN PERMANENTLY EXPOSED TO EARTH: 3'
UNFORMED FACES EXPOSED TO EARTH: 3'
FORMED FACES IN CONTACT WITH EARTH: 2'

SLABS NOT IN CONTACT WITH EARTH:

SLABS EXPOSED TO WEATHER:

BEAMS AND COLUMNS:

12

- 2. AGGREGATES SHALL BE CLEAN AND GRADED MAXIMUM SIZES 3/4". CONCRETE ASTM C-33 CONFORMS TO ASTM C-94.
- 3. SLUMP SHALL BE A MINIMUM OF 3' AND MAXIMUM OF 5' CONCRETE DURING AND IMMEDIATELY AFTER DEPOSITING SHALL BY THOROUGHLY COMPACTED BY MEANS OF MECHANICAL VIBRATION.
- 4.5 CYLINDERS SHALL BE TAKEN FROM EACH POUR OF 50 CU. YARDS OF CONCRETE OR FRACTION (AS PER ASTM C-94) THEREOF AND TESTED AT THE FOLLOWING INTERVALS: 1 AT 3 DAYS, 1 AT 1 DAYS, 3 AT 28 DAYS.
- 5. REINFORCEMENT STEEL SHALL BE FREE OF RUST, FLAKES, MILL SCALE, PAINT, OIL, GREASE, OR OTHER CONTAMINANTS THAT WILL REDUCE BOND. ALL REINFORCING SHALL BE ACCURATELY LOCATED AND FIRMLY HELD IN PLACE BEFORE AND DURING THE PLACEMENT OF CONCRETE BY MEANS OF WIRE SUPPORTS.
- 6. PROVIDE 2"5 X 48" DIAGONALLY AT CORNERS OF ALL OPENINGS WIDER THAN 15".
- 1. PROVIDE AT ALL CORNERS 2"5 BARS 60" LENGTH BENT.
- 8. LAP CONTINUOUS REINFORCING A MINIMUM OF 30' IN BEAMS, 36 BAR DIAMETERS IN SLABS.
- 9. HOOK ALL DISCONTINUOUS TOP REINFORCING.
- 10. TIE BEAMS SHALL BE CONTINUOUS REINFORCEMENT, PROVIDED BY LAPPING SPLICES NOT LESS THAN 30".

 CONTINUITY SHALL BE PROVIDED AT ALL CORNERS BY BENDING 2 BARS FROM EACH DIRECTION AROUND THE

 CORNER 30" OR BY ADDING 2* 5 BENT 30" EACH LEG.
- 11. CONTINUITY AT COLUMNS SHALL BE PROVIDED BY CONTINUING HORIZONTAL REBARS through COLUMNS OR BY BENDING HORIZONTAL REINF. INTO COLUMNS A DISTANCE OF 30°.
- 12. EXTEND BOTTOM BARS 8" PAST ALL OPENINGS GREATER THAN 3'-0" ON BOTH SIDES.
- 13. ALL STRUCTURAL PRECAST UNITS AND THEIR ATTACHMENTS TO THE MAIN STRUCTURE SHALL BE INSPECTED AFTER ERECTION, BUT BEFORE CONCEALMENT. SUCH INSPECTIONS SHALL BE PERFORMED BY FLORIDA REGISTERED ARCHITECT OR PROFESSIONAL ENGINEER.

CONTRACTORS

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ADJACENT STRUCTURES, STREETS, AND SIDEWALKS
 DURING EXCAVATION AND CONSTRUCTION. CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD. SHOULD
 A DISCREP, ANCY BE FOUND STOP WORK IMMEDIATELY AND NOTIFY ARCHITECT. WORK CANNOT PROCEED UNTIL
 APPROVAL PRIOR TO THE FABRICATION OR ERECTION OF ALL REINFORCING AND STRUCTURAL STEEL COMPONENTS
 ARCHITECT GIVES HIS/HERS WRITTEN AUTHORIZATION TO DO SO.
- 2. CONTRACTOR SHALL SUBMIT I BLUELINE AND I REPRODUCIBLE SET OF SHOP DRAWINGS TO THE ARCHITECT FOR

 3. CONTRACTOR SHALL TO LOCATE ALL EXISTING UTILITIES PRIOR TO EXCAVATION, AND REPOUTE THE UTILITY LINES

 TO ACCOMMODATE NEW CONSTRUCTION.
- 4. CONTRACTOR SHALL WORK THE STRUCTURAL PLANS IN CONJUNCTION WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.
- 6. EXISTING STRUCTURE: CONTRACTOR SHALL REVIEW THE ORIGINAL CONSTRUCTION DRAWINGS OF THE EXISTING BUILDING PRIOR TO BIDDING AND DURING CONSTRUCTION TO VERIFY THE EXISTING MEMBERS AFFECTED BY THE NEW CONSTRUCTION.
- 7. THE USE OF SCALE TO OBTAIN DIMENSIONS NOT SHOWN ON THESE PLANS IS STRICTLY FORBIDDEN. THE ENGINEER WILL NO BE RESPONSIBLE FOR ERRORS RESULTING FROM SUCH ACTION.
- 8. IN CASE OF IDISCREPANCIES BETWEEN THE ARCHITECTURAL AND STRUCTURAL PLANS, THE ARCHITECTURAL PLANS SHALL GOVERN UNLESS STRENGTH IS AFFECTED.
- 9. ALL SPECIFIED MATERIALS AND CONNECTORS CAN BE SUBSTITUTED WITH EQUAL OR BETTER, WITH THE APPROVAL OF ENGINEER OF RECORD.
- 10. CONTRACTOR SHALL VERIFY THAT STRUCTURE IS CONSTRUCTED WITHIN THE CONFINES OF BUILDING PAD

REINFORCED MASONRY

- 1. ALL BLOCK MASONRY WALLS SHALL HAVE HORIZONTAL REINFORCEMENT " DUR-O-WALL LADDER TYPE SPACED

 16" ON CENTER. MASONRY UNITS SHALL BE 2 CELL HOLLOW UNITS CONFORMING TO A.S.T.M. C-90 WITH COMPRESSIVE

 STRENGTH OF 1900 P.S.I. ON THE NET CROSS-SECTIONAL AREA AND SHALL BE LAID IN RUNNING BOND.
- ANCHORS IN MASONRY INFILL PANELS AS REQUIRED.
 WHERE ANCHOR BOLTS ARE SET IN MASONRY WALL, FILL BLOCK CELLS WITH GROUT FOR BOLTED COURSE ADD
- ONE GROUTED CELL ABOVE AND TWO GROUTED CELLS BELOW ANCHOR ELEVATION.
- 4. GROUT USED IN THE WORK SHALL CONFORM TO ASTM C476 WITH A SLUMP MIX OF 8" TO 11", PROVIDE CLEAN OUT AND INSPECTION HOLES AT FILLED CELLS AT BOTTOM COURSE.
- 5. POUR GROUT IN LIFTS NOT TO EXCEED 4 FT.
- 6. GROUT USED IN THE WORK SHALL OBTAIN A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI IN 28 DAYS.

 GROUT SLUMP REQUIRED 8' TO 11' PROVIDE CLEAN OUT HOLES AT TOP, MIDDLE.
- 1. PROVIDE 8" X 8" PRECAST CONCRETE LINTELS OVER ALL DOORS AND WINDOW OPENINGS, UNLESS OTHERWISE NOTED ON THE PLAN.
- 8. HOOK TOP OF VERTICAL BARS IN ALL TERMINATING COLUMNS 2" BELOW TOP OF SLAB AND 3" BELOW TOP
- 9. BOND BEAMS SHALL BE CONTINUOUS REINFORCEMENT, PROVIDED BY LAPPING SPLICES NOT LESS THAN 30".

 CONTINUITY SHALL BE PROVIDED AT ALL CORNERS BY BENDING 2 BARS FROM EACH DIRECTION AROUND THE

 CORNER 30" OR BY ADDING 2*5 BENT 30" EACH LEG.
- 10. A FLORIDA REGISTERED ARCHITECT OR PROFESSIONAL ENGINEER SHALL FURNISH INSPECTION OF ALL REINFORCED MASONRY STRUCTURES.
- 11. MASONRY BLOCK SUPPLIER SHALL PROVIDE CERTIFICATION THAT BLOCK SUPPLIED MEETS DESIGN REQUIREMENTS.



1320 S. DIXIE HWY, No 1070 CORAL GABLES, FL 33146 LIC. No. AA-C002151 TEL: (305)-448-7383

PROJECT NAME:

MORENO FARMS

MIAMI-DADE COUNTY, FLORIDA

OWNER:

LENNAR HOMES

CONSULTANTS:



PHASE

REVISIONS

SEAL

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SHEET TITLE

STRUCTURAL

DATE: 7-13-2007

JOB NO.

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FILE

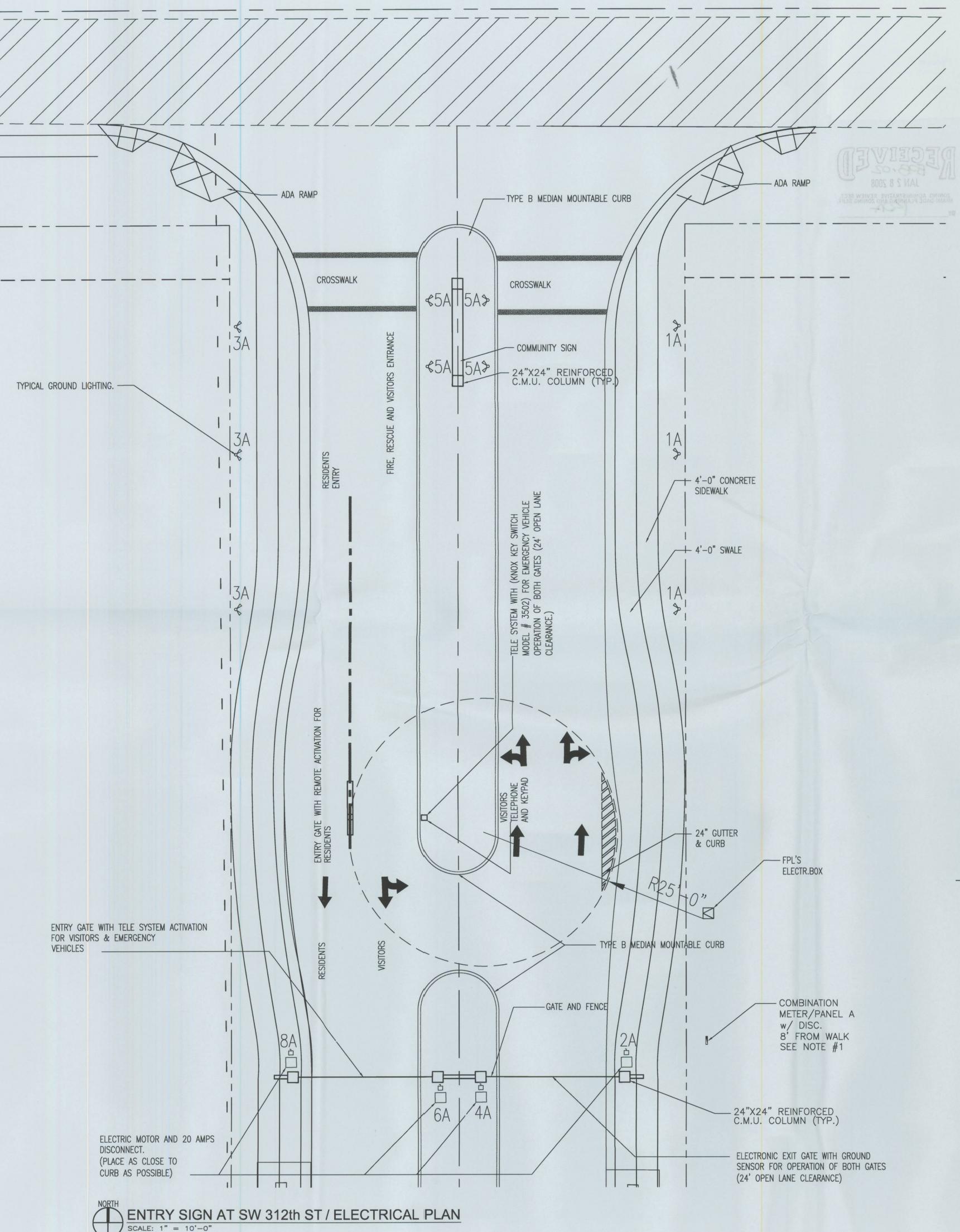
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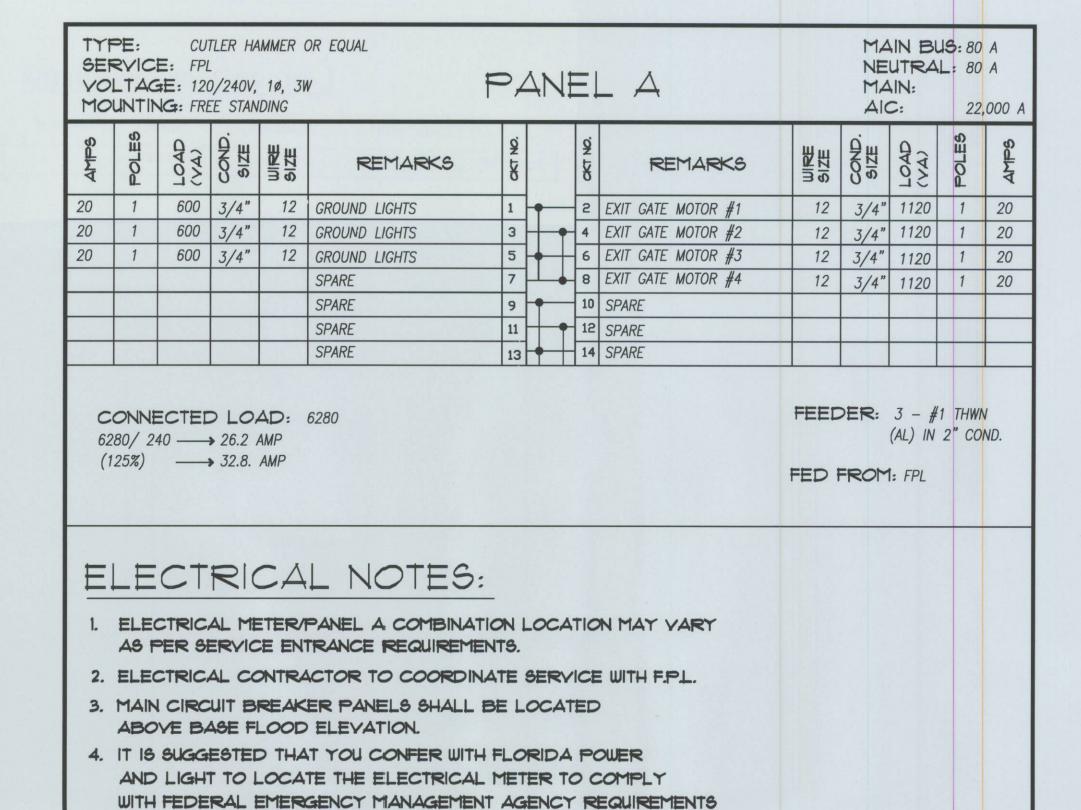
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2006-31

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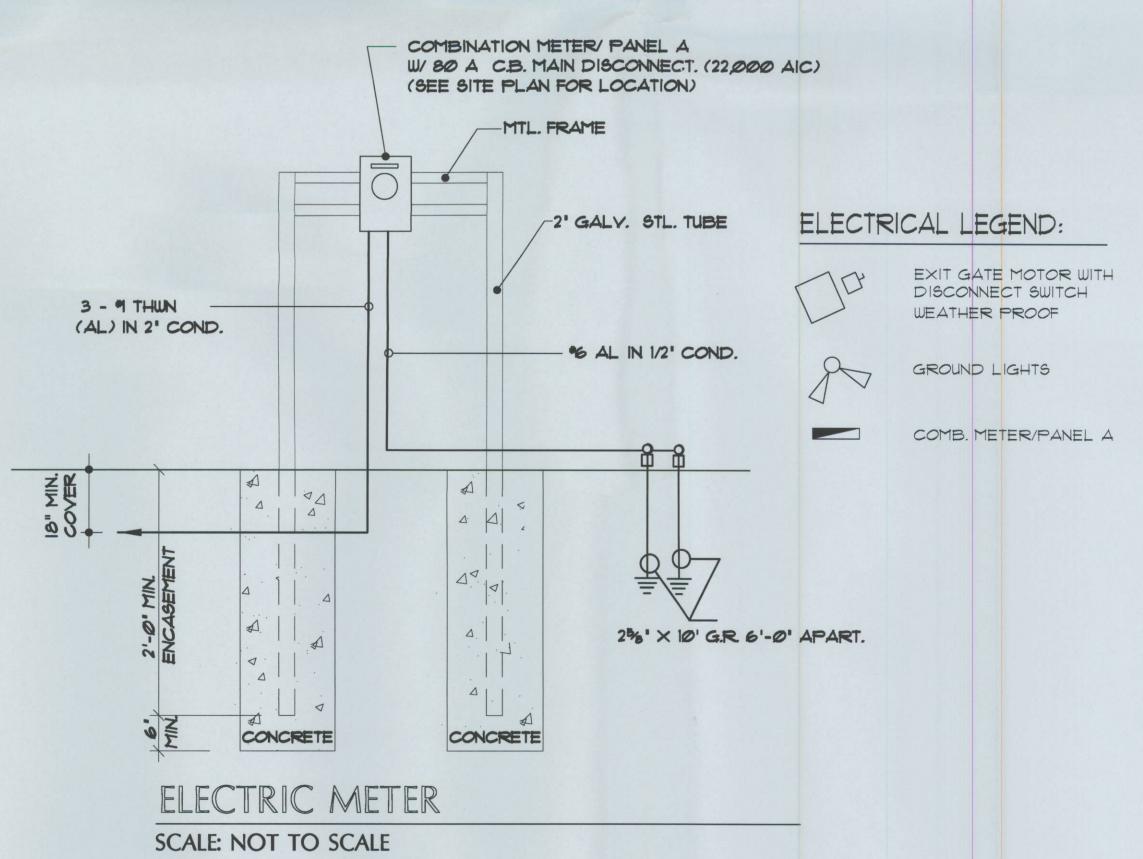




5. OUTSIDE LIGHTS ON TIMER

AND SHALL HAVE A DISCONNECT SWITCH

6. ELECTRIC MOTOR FOR EACH EXIT GATE SHALL BE WATER PROOF





Ph: 786-208 7528 Fax: 305-267 6057 E-mail: mep@ft-engineering.net President: Teresita Travieso Francisco Garcia - P.E. # 64657 Certificate of authorization # 27529



1320 S. DIXIE HWY, No 1070 CORAL GABLES, FL 33146 LIC. No. AA-C002151 TEL: (305)-448-7383

PROJECT NAME:

MORENO FARMS

MIAMI-DADE COUNTY, FLORIDA

OWNER:

LENNAR HOMES

CONSULTANTS:

PHASE

REVISIONS

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SEAL

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SHEET TITLE

ENTRY FEATURE ELECTRICAL PLAN

DATE: 11-21-2006

JOB NO. 2006-31

APFR BY

DRAWN BY

LE

SHEET NO.

2006-31

E-1